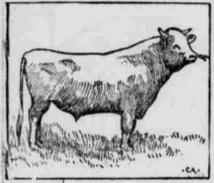


The fluxuration presents what we consider a typical dairy form for a buil. It is about as far removed from the accepted "beef form" as it is possible to Of course "form" must approve itself by "performance," not necessarily in any particular case, but generally and to the conviction of open minded, intelligent judges. It is our contention and has been for years that the "dairy form" has thus approved itself, and as the days and years go by the evidence to this effect is constantly accumulating. The present illustration, with the record of the animal it represents, is an instance of this character.

Hector Marigold, although less than six years old, has six tested daughters to his credit with records ranging from 18.5 pounds of butter fat in twenty-one days to 16.2 pounds and 14.5 pounds in



JERSEY BULL HECTOR MARIGOLD.

seven days and is the sire of sixty other

His present weight is 1,740 pounds, and in this respect as well as in dairy potency he is a good representation of the recent and present trend among American Jersey breeders for greater

His breeding also tends to confirm the theory that the male inherits from > dam and the female from the sire. Thus Hector Marigold inherits his ability as a dairy sire from his grandam, the famous Mella Ann, through her equally famous son, Melia Ann's Son, and his great-grandam, Ida Marigold, through her son, Stoke Pogis of Prospect, and his daughter, Grace Marigold, whose record is 20 pounds 1 ounce of butter in seven days when two years and three months old.-Hoard's Datry-

THE SWINE INDUSTRY.

Hogs Always Sure of Booty

Everything in the game of a loss from 600 pound stags, or naugh, these to the cifty pound shipper is confly absorbed at its full united suite. Aresume of bog prices at the Chicago asenconregement to the gradues of the in the cow been as the average of the market bogs. Prices have maintained a reasonable level, not having been subject to such wide-fluctuations as were found in the markets for cattle and sheep. The producer of market bogs is atways sure of a cently market at a fair price. This fact, together with the proved ability of market hogs to re- day, the figures would show that the turn a maximum yield of meat for fixed owner would be better off if he gave consumed, makes the production of her away.-Ohio Farmer, high grade swine for ment purposes the surest and most profitable feature of the live stock business.

In our wide extent of territory, with diversified conditions of soil and climate, resulting in a wide range of crop production, we naturally find a ent sections. These types are largely the result of local conditions, the "lard hog" of the corn belt being the "surthe special conditions found in the great corn producing states.

Introducing Bucon Type Blood. not advise the average firmer to go in remaining buttermilk. for what might be called extreme bacon types, but we do know it will pay ed well from the butter granules salt the stockmen of Minnesota to grade up should be added. The amount of salt their present stocks with boars of good type from the bacon breeds. Over the mands of the consumer. Usually about corn belt states many farmers are us an ounce of salt for each pound of buting boars of the bacon type breeds in ter will be necessary. If the ordinary into their herds, which have become weakened from long continued feeding of exclusive corn rations. Strength of constitution is improved and prolificacy increased by the introduction of blood from the bacon type.-J. J. Ferguson Before Minnesota Live Stock Breeders'

Mr. M. H. Udell, of this place was kicked last Thursday by a horse, frac turing his skull and breaking his arm Mr. Udell is around and the doctors Day exercises. think he will recover from his injury.

NEW INDUSTRY.

faking Milk Powder-Recent Factor In Dairy Business.

Important changes in the dairy business may be brought about by the exension of the new process of making milk powder. In brief, the method is to pass the milk over hot rollers, from which it is scraped as a thin dry sheet, then sifted into powder and put up in cans, bags or boxes. The method is adapted to skim milk or whole milk, and also, it is claimed, to eggs. Several hundred of the machines for this purpose have been set in operation in various parts of Europe and America. Probably there is no reason to expect that the growth of this industry will Interfere much with the shipment of fresh milk. More likely it will be an entirely new source of income in the dairy business.

The manufacture of skim milk into powder would furnish a good market for the skim milk byproduct of large creameries, and the use of whole milk would be practical in sections where milk can be produced cheaply and abundantly and where there is no other market at present. Both milk and skim milk would have to be sold at low prices to make the industry profitable, as the cost of machines and their operation would make the product quite expensive. The powder has about seven times the strength of milk and has to be diluted with that proportion of water to equal ordinary milk of average

Milk powder might be manufactured for provision on shipboard, in tropical countries and wherever a compact, long keeping product is necessary. In parts of Europe it is used quite extensively by bakers and confectioners as a cheap form of milk. In some cities of Europe the milk powder is used for very promising helfers and helfer feeding infants.-American Cultivator

THE MILKING SHORTHORN.

"From Time Out of Mind the Farm-

er's Cow of This Continent." Approval of the action of the American Shorthorn association in making a determined effort to encourage the dual purpose type of the breed follows swift. Those in touch with ruling sentiment were certain of the satisfaction with which the decision would be greeted. The Shorthorn has from time out of mind been the farmer's cow of this continent. The bests of form cattle improvement was laid in Shorthorn blood. Special conditions have made room for specialized breeds, some beef, some datry, and to obedience to the development of these conditions the Moorthorn has either been modified to the distinct beef form or turned toward-dutry spechaffretton or in some cases abandoned for the specialized duty buscle. (The men who pin their tritle to the "red, white and come" as the farm, cattle of series have so queries with the spechair during bounds conduct apartial Antry conditions, first they yet anninted their certain individuals of the bound that have been specialised for years powerd datry breeds.-Breeder's Gazette

A Loner Dussy Day. Scarcely a farm in the country but has some old or "below the everage" cow that is a loser every day, but in the berd she is not noticed and is kept | ly. over. If the yield were weighed each

BUTTERMAKING.

At What Point to Stop Churulan Washing and Salting.

It is important to know at just what point to stop churning. For best rewide difference in the character and suits in freeing the granules from the quality of the bogs produced in differ- buttermilk and incorporating the sait it is considered that the butter granules should be about the size of beans or vival of the fittest" and the result of The churn is then stopped and the buttermilk allowed to drain. After the buttermilk is well drained from the butter granules an amount of water In the territory tributary to St. Paul about equal in volume and of the same conditions differ widely from those in temperature as the buttermilk should the corn best. Corn is produced only to be added and the churn given four or a limited extinct; wheat, peas, barley. five revolutions slowly, so that the waall nitrogenous or muscle forming to will come in contact with every foods, are grown abundantly. We do particle of butter and wash out the

> As soon as the wash water has drainused will depend entirely on the debarrel churn is used, which is perhaps the best form made, the salt may be added in the churn. By giving the churn a few revolutions the sait will be quite thoroughly incorporated with the butter. It should stand in this condition for a few minutes, until the salt | your life .- Ex. becomes more or less dissolved, before the working of the butter is begun.-E. H. Webster.

Mr. and Mrs. Earl Smith, of St. Louis

SETHTON.

Mr. and Mrs. J. B. Jarvis was at Brice visiting relatives Friday.

Friday afternoon Mesdames Lucy Wilcox and Mamie Gardner returned Monday from Alma

Meryl Stuckey of Cadillac, came Friday to attend the entertainment given

Miss Carr has been visiting at J. C.

The entertainment held at our church Friday evening was a grand success and was witnessed by a crowded honse. The program was as follows:

Song-Welcome Our Flag-Lottie Morse

Flag Saluto Song-Star Spangled Banner

Piano Solo-Miss Nora Feed Dialogue-Welcome, Saven small

Recitation-"The Difference" Claud Recitation-"Katies Good Pussy' Alta Husted

Recitation, -"I'm Glad I'm a Boy" Earl Wilcox

Recitation-"A Talk In The Garden' James McWilliams Dialogue-Michigan Playing Fairy,

Fifteen children and fairy, Julia Morse Recitation-"The Smile" Myrtle S

Recitation-"Helen and her dollies," Hazel Payne

Recitation-"The big dog under the wagon," Ella Southporth Recitation-"A queer boy," Johnny

Recitation-"Grand Mother's Maxim's." Recitation-"A little childs fancy,

Recitation-"The Railroad Drossing" Archie Wilcox

Recitation-"The old kitchen floor Ruth Southnorth

Dialogue-"The Gossips," Lottie Moore, Margaret and Mabel Jackson, and Lillian Wilcox

Recitation-"How the dimples came" Mildred Moore Recitation-"So

Hodges Recitation-"The Lepley Recitation-"Towser must be tied to

night Flag drill

HE HELDITO THE POINT.

The girl asked the polite salesman if he had good cheese.

"We have some lovely cheese," was the smiling answer. "You should not say lovely cheese.

she corrected. "Why not?" It is," he declared.

"Because" - with boarding-school dignity - "lovely should be used to qualify only something that is alive." "Well he retorted, "I'll stick to love

WOMEN CLEAN UP THE TOWN.

Women of Edmore, provided with brooms, brushes, mops, pans, pails and sunbonnets, besieged the doors and windows - principally the latter -of several business places, there one day last week nor did they desist until the cold cash was forthcoming-otherwise until the occupants had been relieved of their "dust." After the band had "terrorized" the town for a time, disguises were removed when it proved to be the "Enthusiastic Workers" band of the Congregational church-but they clung to the cash, which made a neat addition to the church exchequer .-- Ex.

SUNDAY EXCURSION.

On Sunday, June 17th the Ann Arbor R. R. will give an excursion to Toledo. Special train will leave Alma at 6:42 a.m. Fare for the round trip \$1.50

Tickets will also be sold to Owosso and Ann Arbor at very low rates for round trip. Returning special train will leave Toledo at 6:30 p. m.

To tell mushrooms from toadstools without eating and waiting for results, peel an onion and put it with the fungi while being cooked. If the onion remains white, eat with confidence; if t turns black, eat it not if you value

A fine specimen of oats on the stalk which was raised by Mr. L. H. Hayt, formerly of this place on his ranch near Pasadena, Cal., is on exhibition in the were here last week for the Decoration window of the Alma State Savings

QUARTERLY CONFERENCE.

The Free Methodists closed their quarterly meeting for this conference year, last Sunday evening. At their annual The School had their pictures taken circuit meeting Saturday afternoon, Rev. F. T. Flewelling was elected to represent the work on the Alma charge at the annual conference to be held at Manton, where they had been visiting a few days Mich., commencing August 22. This quarterly meeting was one of the best during the year. And although not very largely attended, those who did attend, felt that it was a refreshing means of grace to all. The preaching by the district elder, Rev. J. A. Hudnut, was very helpful. We regret that there were not many more present to listen to him. We are persuaded that people cannot well afford to let such opportunities pass unno-ONE WHO WAS THERE.

> WEEKLY MARKET REPORT.

Wheat	. 84
Dats	33
Rye	55
Corn. shelled	50
Suckwheat, per bu	45
lay, per ton	200回到10
straw. per ton	00(#3 50
Rye Straw	4 00
leans, per bu	3 20
lover Seed.	6.60
Cimothy Seed	1.50
Potatoes, per bu	20)
Butter	14(815
Spps	31616
foney and the contraction	12
Green Hides, per 1h.	9
Oressed Pork	- 3
Dressed Beef	00(87 50
ive Beet 3	50(0.1.50
dutton dressed	9
ambs live	6
ive Mutton	- 4
enl live	5
real dressed	7.8736
ive Chickens,	10
pring Chickens	15
Ducks and Geese, live	7
Patent Flour	70
	: 65
straight Flour	A 150.0
Straight Flour	5.20
San	(100.000

Feeding the Milk Maker

One sometimes hears the remark that such and such cows were "knocked in the head with the milk pail," which may be taken to mean that they were not fed liberally and property when

give the ceture posts or tourds or gos They are after sait. They are offer mineral matter. Nature gives them that pocurior freshnot to set solt.

In some of the continental countries of Europe carnots are much fed es pecially to cuives, and parentps are used in the island of Guernsey. The latter are considered especially valueble for cows because they do not taint

the milk, as do some of the roots, Easy to Undo Good Work. It is easily understood that a pe riod of starvation or insufficient feeding in the early life of the future cow may arrest the development of the mammary functions, it may be at a critical time, and all the fine trends transmitted by heredity and careful breeding be scattered and reversion to type undo years of labor.

C. S. Neal Makes Pirm Butter. It is considered worthy of note at the South Carolina experiment station that butter was appreciably firmer during a period when cottonseed meal was heavily fed than when bean was fed with less cottonseed meal.

If the Cow Could Talk.

An exchange thinks If the cows could talk they would give the reason why some dalrymen are forced to buy cottonseed meal freely. "That sorghum hay tastes good and is mighty filling, but it don't seem quite the thing to keep the muscles strong or to fill the milk pail every day. It lacks some-thing."

No. 71	No. 72	No. 72	
Jurand Jwosso Jet Ashley Jarson City Sheridan Greenville Cedar *prings Sparis Muskegon	6 15 Sports 7 10 Cedar Springs 10 17 11 25 Greenville Lv pm Sheridan 1 1 60 Carson City 2 06 Ashley 2 100 Woosso Jet As	お付きをなけるのの	

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> "The injurious effect of alum on the mous coat of the stomach is positive and beyond dispute it both an irritant and an astringent. The use of alum in my ricle of food or article used in the preparation of food shulde prohibited." IOHN C. WISE, M.D., Medical aspeor, U. S. Navy.

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